

REMARKS

The Examiner is thanked for her Office Action.

The Examiner's attention is respectfully directed to the following limitations in each of the extant independent claims:

Claim 1: "performing a clipping algorithm which uses only a single circular buffer to store input and output vertices of a primitive;"

Claim 16: "circuitry to implement a clipping algorithm which uses only a single circular buffer to store input and output vertices of a primitive;"

Claim 48: "wherein said geometry unit uses only a single circular buffer to store input and output vertices of said primitive."

The Examiner has suggested reasons for modifying the primary references to use a circular buffer. However, it is respectfully submitted that the Examiner has not shown any motivation for using ONLY A SINGLE circular buffer in the context of these claims.

This is not a trivial point, and a conference is requested to discuss the references face-to-face. For this reason the art rejections are all respectfully traversed.

If the undersigned attorney has overlooked a relevant teaching in any of the references, the Examiner is requested to point out very specifically where such teaching may be found.

Conclusion

Thus, all grounds of rejection and/or objection are traversed or accommodated, and favorable reconsideration and allowance are respectfully requested. The Examiner is requested to telephone the undersigned attorney to schedule an interview to resolve any remaining issues.

Respectfully submitted,

Robert Groover, Reg.No. 30,059
Attorney for Applicant

17000 Preston Rd. #230, Dallas TX 75248
(972) 380-6333

January 31, 2002

Version with Markings to Show Changes Made

In the Claims:

Claims 1-3 and 7-35 are unchanged.

Claims 36-38 are cancelled without prejudice or disclaimer, subject to inclusion in a divisional or continuation.

Claims 47-52 are unchanged.